



FORM PTO/A and B (Modified PTO/SB/08) INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICATION NO.: 09/776,479		ATTY. DOCKET NO.: C1037.70013US00	
				FILING DATE: February 2, 2002		CONFIRMATION NO.: 7139	
				APPLICANT: Robert L. Bratzler et al.			
				GROUP ART UNIT: 1645		EXAMINER: Nita M. Minnifield	
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U.S. PATENT DOCUMENTS					
Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,399,630	B1	Macfarlane	06-04-2002
		6,653,292	B1	Krieg et al.	11-25-2003
		6,727,230	B1	Hutcherson et al.	04-27-2004
		6,821,957	B1	Krieg et al.	11-23-2004
		6,949,520	B1	Hartmann et al.	09-27-2005
		7,034,007	B1	Nyce et al.	04-25-2006
		2002-0091097	A1	Bratzler et al.	07-11-2002
		2002-0156033	A1	Bratzler et al.	10-24-2002
		2002-0164341	A1	Davis et al.	11-07-2002
		2002-0165178	A1	Schetter et al	11-07-2002
		2002-0198165	A1	Bratzler et al.	12-26-2002
		2003-0026801	A1	Weiner et al.	02-06-2003
		2003-0050263	A1	Krieg et al.	03-13-2003
		2003-0050268	A1	Krieg et al.	03-13-2003
		2003-0055014	A1	Bratzler	03-20-2003
		2003-0100527	A1	Krieg et al.	05-29-2003
		2003-0148316	A1	Lipford et al.	08-07-2003
		2003-0148976	A1	Krieg et al.	08-07-2003
		2003-0166001	A1	Lipford	09-04-2003
		2003-0181406	A1	Schetter et al.	09-25-2003
		2003-0191079	A1	Krieg et al.	10-09-2003
		2003-0232074	A1	Lipford et al.	12-18-2003
		2004-0030118	A1	Wagner et al.	02-12-2004
		2005-0277609	A1	Krieg et al.	12-15-2005
		2007-0065467	A1	Krieg et al.	03-22-2007
		2009-0017021	A1	Davis et al.	01-15-2009

FOREIGN PATENT DOCUMENTS							
Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		WO	99/56755	A1	University of Iowa Research Foundation	11-11-1999	
		WO	00/06588	A1	University of Iowa Research Foundation	02-10-2000	

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		WO	00/14217	A2	CPG Immunopharmaceuticals GMBH	03-16-2000	
		WO	00/67023	A1	CPG Immunopharmaceuticals GMBH	11-09-2000	
		WO	03/043572	A2	3M Innovative Properties Company	05-30-2003	
		WO	2008/139262	A2	Coley Pharmaceutical GMBH	11-20-2008	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		ARORA et al., Immunomodulation by liposome entrapped allergen. Mol Cell Biochem. 1990 Sep 21;97(2):173-9. Abstract Only.	
		CHO et al., Immunostimulatory DNA sequences inhibit respiratory syncytial viral load, airway inflammation, and mucus secretion. J Allergy Clin Immunol. 2001 Nov;108(5):697-702.	
		DOERSCHUG et al., Asthma guidelines: an assessment of physician understanding and practice. Am J Respir Crit Care Med. 1999 Jun;159(6):1735-41.	
		FONSECA et al., Use of CpG oligonucleotides in treatment of asthma and allergic disease. Adv Drug Deliv Rev. 2009 Jan 9. [Epub ahead of print]. 7 pages.	
		GAVETT et al., Interleukin 12 inhibits antigen-induced airway hyperresponsiveness, inflammation, and Th2 cytokine expression in mice. J Exp Med. 1995 Nov 1;182(5):1527-36.	
		KLINE, Effects of CpG DNA on Th1/Th2 balance in asthma. In Immunobiology of Bacterial CpG-DNA, Ed. H. Wagner. Springer. 2000;247:211-25..	
		KLINE et al., Ch. 26: DNA Immunomodulation of asthma. In Inflammatory Mechanisms in Allergic Diseases. Ed., Zeiman et al. Marcel Dekker, Inc. 2002;551-64.	
		KLINE, Immunotherapy of asthma using CpG oligodeoxynucleotides. Immunol Res. 2007;39(1-3):279-86. Review.	
		KLINE et al., Toll-like receptor 9 activation with CpG oligodeoxynucleotides for asthma therapy. Drug News Perspect. 2008 Oct;21(8):434-9.	
		KOU et al., [Analysis and regulation of interferon-gamma production by peripheral blood lymphocytes from patients with bronchial asthma] Arerugi. 1994 Mar;43(3):482-91. Japanese. Abstract Only.	Y- Abstract
		KRIEG et al., CpG motifs in bacterial DNA and their immune effects. Annu Rev Immunol. 2002;20:709-60.	
		KRIEG et al., P-chirality-dependent immune activation by phosphorothioate CpG oligodeoxynucleotides. Oligonucleotides. 2003;13(6):491-9.	
		KRIEG et al., Unmethylated CpG DNA protects mice from lethal listeria monocytogenes challenge. Vaccines. 1997; 97:77-9.	
		KRIEG, Antiinfective applications of toll-like receptor 9 agonists. Proc Am Thorac Soc. 2007 Jul;4(3):289-94.	
		KRIEG, Development of TLR9 agonists for cancer therapy. J Clin Invest. 2007 May;117(5):1184-94.	
		KRIEG, Direct immunologic activities of CpG DNA and implications for gene therapy. J Gene Med. 1999 Jan-Feb;1(1):56-63.	
		KRIEG, How to exclude immunostimulatory and other nonantisense effects of antisense	

EXAMINER: /N. M. Minnifield/ (05/06/2009)	DATE CONSIDERED:
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				GROUP ART UNIT: 1645	EXAMINER: Nita M. Minnifield
Sheet	3	of	3		

		oligonucleotides. Manual of Antisense. 1999:79-89.	
		KRIEG, Immune effects and mechanisms of action of CpG motifs. Vaccine. 2001 Nov 8;19(6):618-22.	
		KRIEG, Now I know my CpGs. Trends Microbiol. 2001 Jun;9(6):249-52.	
		KRIEG, Therapeutic potential of Toll-like receptor 9 activation. Nat Rev Drug Discov. 2006 Jun;5(6):471-84.	
		KRIEG, Toll-like receptor 9 (TLR9) agonists in the treatment of cancer. Oncogene. 2008 Jan 7;27(2):161-7. Review.	
		MILGROM et al., Treatment of allergic asthma with monoclonal anti-IgE antibody. rhuMAb-E25 Study Group. N Engl J Med. 1999 Dec 23;341(26):1966-73. Abstract only.	
		SJÖLANDER et al., Iscoms containing purified Quillaja saponins upregulate both Th1-like and Th2-like immune responses. Cell Immunol. 1997 Apr 10;177(1):69-76.	

EXAMINER: /N. M. Minnifield/ (05/06/2009)	DATE CONSIDERED:
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